

AMENDMENTS TO THE CLAIMS

Applicant submits below a complete listing of the current claims, including marked-up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing. This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently amended) A system for detecting an exceeding of time conditions of at least one application executed by a processor, comprising:

a storage element for storing the time conditions, wherein said time conditions comprise deadlines and are sorted by an increasing deadline order;

a work register for storing a time condition closest to a current date of the system; and

a comparator for comparing a deadline of the time condition contained in ~~said~~ the work register with the current date of the system and, if the current date of the system exceeds the deadline;

~~to provide providing~~ an interrupt to the processor ~~if the current date of the system exceeds the deadline; and~~

updating the work register by introducing to the work register a next time condition from the time conditions stored in the storage element, wherein the next time condition is next closest to the current date.

2. (Previously presented) The system of claim 1, further comprising a timer for calculating the current date of the system, said timer being separate from a counter used by the processor.

3. (Previously presented) The system of claim 1, wherein said storage element contains, with each stored time condition, an identifier of an application with which the time condition is associated.

4. (Previously presented) The system of claim 1, wherein said storage element contains, with each time condition, an identifier of a monitored type of event.

5. (Previously presented) A system for managing rights of use of a digital content linked to at least one time condition, exploiting the detection system of claim 1.

6. (Currently amended) The method of claim 9 comprising, upon each execution of a new application:

inputting a new time condition corresponding to the new application into said storage element so as to maintain storing the time conditions in said storage element in the increasing deadline order; and

updating ~~said~~ the work register if the new time condition is the closest to the current date.

7. (Currently amended) The method of claim 9, comprising, at each step of the at least one application being executed:

updating the storage element by deleting a time condition corresponding to the at least one application; and

updating ~~said~~ the work register if the deleted time condition has a deadline closest to the current date by placing in ~~said~~ the work register a next time condition from the time conditions stored in the storage element.

8. (Canceled)

9. (Currently amended) A method for detecting an exceeding of time conditions of at least one application executed by a processor, comprising:

storing the time conditions in a storage element, wherein the time conditions comprise deadlines and are sorted by an increasing deadline order;

storing a time condition closest to a current date in a work register; ~~and~~

comparing a deadline of the time condition contained in the work register with the current date to determine if the current date of the system exceeds the deadline; and

if it is determined that the current date of the system exceeds the deadline;

~~to provide~~ providing an interrupt to the processor ~~if the current date of the system exceeds the deadline; and~~

updating the work register by introducing to the work register a next time condition from the time conditions stored in the storage element, wherein the next time condition is next closest to the current date.

10. (Previously presented) The method of claim 9 further comprising storing, in the storage element, for a time condition, an identifier for an application with which the time condition is associated.